



LAKEHEAD AMATEUR RADIO CLUB  
P.O. BOX 2571  
THUNDER BAY, ONTARIO  
P7B 5G1

Bill Unger VE3 EFC  
R.R. #11  
THUNDER BAY, Ontario  
P7B 5E2



First Class Première classe

Oct 84

HIGH-Q

OCTOBER 1984

THE NEXT MEETING OF THE LAKEHEAD AMATEUR RADIO CLUB WILL BE HELD OCTOBER 11 AT 8 PM AT THE EMO BUILDING ON THE CORNER OF WATERLOO AND VICTORIA.

PLEASE NOTE - the business portion of the meeting will be one half hour maximum. Items that require more time will be dealt with at Executive meetings, with a summary to appear in Hi-Q.

Freshly ground Columbian coffee and oven fresh doughnuts will be served.

### THE PREZ SEZ

There is a rumour floating around that elections were held at the September meeting. The rumour is that all vacant positions were filled, and we now have a new Executive. Well, the rumour is true, so everyone can now come out of hiding, and attend the October meeting.

We have lots of demonstrations and activities already in the planning stages. To start things off, I will give a demo on the fine art of burning your fingers--also known as soldering. We also will have coffee and doughnuts available to keep you awake, but I will try to keep my ramblings to a minimum.

I would also like to ask everyone to wear their name tags to the meeting. If you forget, there will be name tags available. If you see someone with an unfamiliar call or name, why not step up and say hello to them. As some people have pointed out, hams in general are not very friendly. Perhaps its time to change that image.

I would like to thank you for electing myself as President, and I hope I can count on the full support of the membership. After all, a club is no better or no worse than the people who make it what it is. If we all do a little together, we can do alot. However, if the work is left to a few, the burden can become quite heavy, and very little gets done. I hope all members will pitch in, and make this our best year ever!

73

Tom - VE3EEN - PRESIDENT

### MINUTES OF THE LARC MEETING OF SEPTEMBER 13, 1984

Meeting commenced at 8 pm by president Dan Person VE3 KRO.

Bill VE3EFC set up the equipment for the checking of portables and base stations. Many members took advantage of this service.

General meeting started at 8:50 pm.

Minutes of the last meeting were read by acting sec. Vic Bel VE3ECV.

Moved by Bill EFC and seconded by Tom EEW that the Minutes be adopted as read.  
CARRIED

Treasurer's Report - Treasurer's report was read by Vic VE3ECV due to the return to University of Greg VE3RPT?

Current account \$194.82 + \$20.00 petty cash.

Moved by Bert ? and seconded by Bill XJ that the report be adopted. CARRIED  
Also in the report was the value of all the LARC equipment.

Old Business - The LARC dinner and field day was discussed and all agreed that a good time was had.

New Business - The club dues are now due--many members at the meeting took advantage and paid their dues.

Once again the subject of radio classes was discussed but no firm decision was reached. More instructors for theory was needed. It was decided that the instructors would receive the club membership free.

The following volunteered their services:

Tom EEW, Bill EFC, Ken EFZ and Gary HJS.

Station VE3FW - John Gow reported the plastic lead in pipe to the station has been installed. All that remains is the insertion of the cable.

CRRL newsletters will be handled by Skip VE3BBS.

EC - VE3SJ stated that Bill Roberts VE3ARN is checking the VHF antennas at all hospitals.

Repeater Committee - VE3YQT - there has been no change in the machine since the June meeting.

VE3TBR - Tom VE3EEW will have a report in the next issue of Hi-Q.

Phil Morey VE3AXL was the winner of the transmitter hunt trophy.

VE3AYZ has donated a small trophy that the winner keeps permanently.

Les VE3AYZ gave a brief talk on the transmitter hunt and the enthusiasm it generated in the past. He also pointed out the benefits in the game, and how the club has progressed in 50 years. He also stated it was good to see how the club participated in many of the civic functions.

Mike VE3ZG informed the club that the new TRC25 are out, also the new Prefix SJ3 can be used til September 20 in honour of the Papal visit to Canada.

Club licences are due for YQT TBR and VE3 FW.

Gary VE3HJS asked for volunteers for the heart run. VE3 GOW-XJ, HJS & KRP will be out to aid, beginning at 10 AM Confederation College.

Bill VE3 EFC will start up a mini net or VE3 YQT beginning Sunday, Sept. 16 at 9pm. All are welcome to join in.

Election of officers - chaired by Ken VE3EFZ.

: See list in Nov 84 High-Q

ARN from the \*(unofficial) editors

Well in a moment of weakness (or stupidity) Gary NNR and myself have agreed to be Hi-Q's (unofficial) editors for the 1984-85 season. We have added the "unofficial" as no one really wants the job but it is something that must be done (like going to the dentist). So...here we are! (unofficially of course).

We will try to do a "decent" job but we need your input. Local "gossip" was always a favorite for us to read so if you hear anything "on" anyone, call us up. We will try to run a few articles on local hams (sort of an auto-biog) so we'll be looking for submissions. Failing this I hope to carry my soon to be infamous S.A.S.E. to meetings. If you find something interesting "rip it out" or copy it but write its source down so we don't get sued.

Gary NNR says he can't spell so with both of us "in the same boat" it should make for some colourful reading.

Any words of praise can be sent to myself with a cheque to my home address. Gary NNR is in charge of complaints. His place is real easy to find--just drive down Government until one of the DOGS takes a chunk out of your tire.

73 from your (unofficial) editors  
Gary 'n Gary NNR, HJS

Gary NNR	Gary HJS
R.R.#12 767-2284	2624 Walnut St. 623-8132.

It started small, but now it has grown to such a size that one net controller can barely handle it. Over a hundred check-ins per session is not uncommon! Well I guess we are not talking about our local 2 meter Sunday and Thursday night mini net but it's fun to dream isn't it? Anyways in these nights at 9 pm on VE3YQT (146.46-147.06) an informal (a real informal) net is held. Anyone (I mean anyone) can "drop in" and say hello. So if you have nothing better to do like take out the garbage or watch Ed Sullivan, we'll see you there.

VE3TBR UPDATE

During the summer months, a few minor changes and improvements were made to VE3TBR. Most changes are quite minor, and may go un-noticed, so I thought I would tell you about them. If you are having trouble remembering what is there, a function card will be included in the November issue for all paid up repeater users.

The changes are as follows:-Amateur in distress-hold - any key down for 10 seconds (except asterisk (\*) or cross hatch (#). It will send out an audio tone, then dial Arnold, VE3JAA on the autopatch.

Regular Dial - use asterisk (\*) 1 or asterisk (\*) 4. Asterisk 1 has the computer dial your number once you have sent it your phone number. Asterisk 4 puts the touch tones directly on the phone line, resulting in faster dialing. Either way, the number dialed is stored in the computer, and you can use asterisk (\*) 9 for redial.

Several numbers have been added to speed dial. If you wish to have yours included, please let me know by the October meeting, so that they can be included in the repeater, and the listing. All repeater functions will be listed on the card, so if you haven't paid your dues, please do so soon.

To remind people of upcoming events, a series of "reminder messages" have been put into VE3TBR. These include "meet", for meeting night; "race", for the legion road race and the Heart of Thunder Bay Road Race and "ski" for the Sibley Ski Tour. If there are any other messages to add, please let me know.

Now that winter is approaching, a few other improvements will be taking place. There are several trouble spots in town with people using handhelds. Funds permitting (it's in the works), the receiver and transmitter will be replaced, and a new audio combiner/divider added. A second VHF receiver will be put in the city's south end, and tied to a UHF transmitter. The receiver will be at VE3TBR. Then, when in the city's south end, you can use the other receiver site by going up 600 KHz (147.420), with the output on 146.820. In the city's north end the standard down 600 KHz will be used. The repeater will operate as now, regardless of which receiver you activate.

This system, when operational, will give better overall coverage for the city. VE3YQT has good long-range coverage, but in town with a hand-held is marginal on the other hand, VE3TBR has good city coverage, but does not have the long range coverage. With this system, we would have excellent coverage on 2M, which would be a definite asset to us all.

As I mentioned earlier, an updated function card will be included in next month's Hi-Q. If there are any additions, please let me know ASAP, so that can be included. Also, if you heard any interesting functions on any other repeaters, I would be interested in hearing about it. As you know, VE3TBR is run with a TRS-80 computer, and most modifications can be made with software updates, so changes are easily taken care of.

73

Tom VE3EEW

#### DIRTY LAUNDRY AROUND TOWN

VE3KRP was heard on VE3YQT, and he even supplied his own courtesy beep. Bill EFC thought VE3TBR had moved up the hill when he heard the beep. VE3BCD is doing his spring cleaning. Vic JAR and JAW have moved to 597 land. (Atikokan for you non-tecco types). VE3NNR went for a dive in the lake, but someone moved it. VE3HFS traded in his old truck. Not to be outdone, XJ painted his. VE3KRY is headed for the altar, and plans to wear his kilt! VE3BCD has scuba tanks for sale--diving anyone? Several black boxes recently traded hands. VE3KRD moved out of town--well for 8 hours a day, at least. VE3KRF is trying to learn the difference between a bit and a byte. VE3 HPT is learning how to be a drug dealer. VE3IY is looking for a 500

foot rotatable tower. DX abounds--a ZL was heard on VE3TBR. VE3EDZ is back from fishing. VE3HJS can run a kilowatt from his basement--barefoot! VE3KRV has his gear for sale. VE3EFC plans to run QRP, under Tom EEW's 20 M beam. VE3MZX spruced up his church with a tower and quad-bander (40-10M) VE3JAA has a new 2 M beam. VE3GOW had a garage sale, only to have VE3BCD give him some more. VE3CX has heard on 2 M with a new HT. More DX abounds--KBOLC was worked on 440. VE3KRP has decided to take up basket weaving, once he found out 6 kids were in the offing. VE3#CV can get 100 + MPG in his new car. VE3EFZ is a wall-paper hander-outer. VE3WP is now an LU grad. VE3AVS wants to know when it's sunny, so he can ride his 2M equipped bike. VE3AXL has some new hardware to add to his collection, courtesy of VE3AYZ. VE3BQR is in deep contemplation. VE3EEI has taught his drake line to speak finn. VE3GHB is a regular on VE3TBR via autopatch. VE3HTM is transmitting in stereo. VE3JAY may take up snow-golfing. VE3KRL is up to here in pampers. VE3LMD is learning geography the hard way. VE3LMD and JWM are experts on digital radio. There are 6 repeaters in town. VE3KRD recently had an en-lightning experience--he is now better acquainted with his insurance adjuster. VE3HZW is at a new ATH; another RVI zone to conquer. VE3MZX has returned from Winnipeg and is "all Poped out". VE3XJ is persuing other interests. Bob and Cathy Lazinski are the proud parents of a bouncing baby boy. Bob is studying for his ticket. VE3ECV is watching son Dave, VE3KRY commute back and forth to Toronto. VE3AXL Phil hopes to get something "on the air" from Kakabeka Falls (maybe a half-wave chicken coup?) VE3EEW has been frequenting the pool tables at Buttons and passing out gifts to foreign ladies. (You can thank your buddy Ed KRP for this one). Ed. VE3EDZ Ray was heard on 2 meters en route with XJ, BCD to join in on the Friday night supper club activities. VE3XT Geo is busy putting the finishing touches in his shock. Soon the old Collins will be tearing up the bands. KBOLC Duane and Marlene were up for a couple of days and things got hot for this Duluth fireman (in the sauna). VE3ZG Mike has closed up camp for the year. VE3EUL Charlie in Toronto (formerly T.B.) is on the air with a verticle and the trusty TS-520. VE3KRO Dan has been busy at the camp.

P.S. If you are down twice, you must be busy, busy!

For those of you who are planning to spend the next few months pouring over the books on radio theory and sweating out hours on Morse Code, here are the next years examination dates:

October 17, 1984    February 13, 1985    April 17, 1985    June 19, 1985  
October 16, 1985

VE3ZG

And for the DX'ers, these countries are in the "Banned" countries list at present. No ZSO's allowed!

Burma (Socialist Republic of the Union of) Iraq (Rep. of) Libya, Pakistan  
(Islamic Rep. of) Somali (Dem. Rep. of) Zaire (Rep. of).

There is a rumour around town that table dancers will be present at the Oct. 11th meeting. I must say this is only a rumour and was probably started as a "cheap shot" just to get people out at our meetings. However, to anyone who may have believed this rumour a \$5.00 cover charge must be paid at the door.

The N.W. Ontario Phone net meets daily on 3750 KCS at 00:15 Z or 8:15 pm local time. Every Mon. a swap shop is held for goodies for sale/trade or wanted around the area and beyond! VE3BDS Skip has informed us that the swap shop "picks up on" gear available from VE4 and southern VE3. Thursday and Friday nights are available for anyone wishing to be net control. Running the net can be a rewarding experience and a nice way to spend some time in the shack. Give Lloyd VE3JJY in Kenora a call on the net if you are interested.

Lakehead Amateur Radio Club Inc. Membership Information

For those who haven't paid up for the 1984-85 season this is...OH NO! your last issue of HI-Q but worse yet your L.A.R.C. membership and two meter repeater dues have lapsed. So bring your remittance to the Oct. meeting. Or better yet, mail it into our BOX number.

.....

NAME	_____	CALL	_____
ADDRESS	_____	POSTAL CODE	_____
CLUB DUES FULL	_____	\$15.00 \$10 FOR REPEATER	_____
ASSOC.	_____	\$10.00 FAMILY	_____ \$20.00 -

plus \$10 for repeater dues.

send to: L.A.R.C.  
P.O. Box 2571  
THUNDER BAY, ONTARIO P7B 5G1

.....

As the contest season is approaching, you may want to make a couple QSO's in one of the bigger "tests". It's always a good way to pick up a couple new countries and if your DXCC tally is low you could add quite a few new ones. The contacts are short and your exchange of 5904 is an easy one. So grab a cup of mud and put in a few minutes (or hours) on this one. These tests really get the bands hoppin'.

CQ WW PHONE CONTEST RULES

Period: 00Z Oct. 27 to 24Z Oct. 28

Bands: 160M through 10M

Valid QSO's: Work everyone and anyone

Exchange: Signal report and CQ Zone

cont'd on next page

LARC

The zones are as follows:

V01-Zone 5  
VE1-Zone 5  
VE2-south of 50N - zone 5  
VE2-north of 50N and V02-zone 2  
VE3, VE4, VE5 and VE6-zone 4  
VE7-zone 3  
VE8 east of 102W-zone 2  
VE8 west of 102W-zone 1  
VY1-zone 1

Points: Score zero points for each VE QSO, 2 points for other North Americans and three points for everyone else.

Multiplier: The multiplier is the sum of countries and zones worked on each band. Note that the WAE country list is used so that IT9 and GM Shetlands count as countries

Score: Total points times multiplier.

Official entry forms and log sheets, as well as detailed rules and a list of certificates and trophies are all available from CQ Magazine.

September 1984 TCA

#### 1984 Heart of Thunder Bay Run

Local amateurs participated once again in this yearly event. Checkpoints were set up at the 1, 5 and 10 mile points of the race. The first few leaders' numbers were gathered as they passed through the checkpoints, and were relayed back to the finish line. Assisting were John Gow and John Jr., Ed KRP, Gary NNR, Bill XJ and myself. The Club received recognition for its help in LAKEHEAD LIVING and at the race sight. The organizers of this race are always very thankful for the clubs' help. It seemed that it was going to be a "no go" this year as volunteers were scarce. But fortunately enough "manpower" was found to cover all points. Thanks to those who assisted!

73 Gary VE3HJS  
KAOPL0

+

Gud Day

#### The Second Annual - September 22nd 1984

A group of Thunder Bay hams got together once again for the second annual at Tom EEW's camp at Hawkeye Lake. It seems we have some sort of pattern evolving here, as last year's was called the first annual and I have checked with the organizers and next years bash will be called the third annual. (THIS IS JOKE, NO?)

cont'd on next page

The party served a dual purpose (besides its regular) to say goodbye to Vic and Dianne Loewen VE3JAR and VE3JAW who are off to Atikokan and to welcome Duane KBOLC and his wife Marlene from Duluth. (visiting).

Vic and Dianne received a brass door knocker encribed with their surname, "hit the road mobile" and their calls. It was, to say the least very well received. We all will miss them both and wish them our best.

The steaks and fixins were great thanks to Ed KRP's steak connection and to EEW's connection with Col. Saunders.

Tom's new sauna (pronounced sow-na) was real hot! but the lake was a different story. Fortunately we were all used to the cold lake water by the time we had to "take a dip" as a few buckets of lake water "flow" in the sauna. Even though it was an overcast night I was almost positive I saw a couple of full moons: Well!... until next year 73 from Hawkeye Lake.

#### TEN YEARS AGO - OCTOBER 1974

As we blow off our yellowing copy of HI-Q and try not to let the musty smell overwhelm us, we find the new exec for 74-75 as President Bill EFC, Vice-President Pat HFS, Sec/Treas. vacant (some things never change), Directors Vic, ECV, Ray EDZ, Phil AXL and Frank AJ. Field day shots were shown and the 1974 VE/W contest participants were VE3's HNQ, HJS, HFS, HMV, LUE (EDC) and EEW.

Congrats were given to a Tom Haavisto who "got up enough courage to give the exam another try, and was successful." (now we are stuck with him).

Full membership was \$5.00, associate was \$2.00 and family was \$7.00.

Bill EEW was editor of HI-Q and had a two meter base station for sale. \$50.00 would take away this gem. It was equipped with 94 simplex. What else did a guy need? This neat little edition even came right to your door for 6 cents. Boy these times are a-changing!

#### FOR SALE

Amcom 225, 2 meter mobile rig synth digital readout, 1-25 watts asking \$230.00.

MICAONTA Rf, SWR and MOD Meter up to 500W

Isopole 2 meter antenna 5 Db gain \$45.00.

TS-830S 160-10 meter transceiver.

SM-220 monitor scope for above.

JANA RF POWER, SWR Meter up to 1 KW, 18-30 Mhz.

TH6DXX 10-15-20 meter 6 element yoyi.

48 foot heavy duty tower, has steps for climbing.

Hamm 2 rotor plus all cables etc. all from Vlad VE3KRV at 577-1551.

THIS IS MY STORY BY BIC VE3ECV

I was first interested in ham radio back in my high school days. I had joined a radio club run by George Lord VE3? at Vocational High School (now Selkirk College & Vocational). The group attempted to build a one tube receiver but the availability of parts was delayed and I graduated so it never was built. Good times followed, then marriage and a family delayed radio once again: Then in 1967 while browsing at the library, I found an issue of HI-Q which gave details of a radio course being started at the EMO centre. Bill VE3XJ (Ex EEW) and assistants gave the course every Sunday afternoon. Night after night I would listen for WIAW code practice on an old TRW receiver, then I graduated to an HW100. December 24, 1969 was the big day, I became VE3ECV, one year later I became an advanced amateur. I have enjoyed every minute of the hobby and particularly being a member of the LARC. One of my memorable moments was picking up a distress call on 75 meters and being able to tell the telephone operator to break into a phone conversation because I needed to phone patch to a medical doctor in the far north. My interest in ham radio peaked about six years ago when I was loaned a QRP side band rig for my yearly trek to Hudson Bay. Imagine working DX and local Hams with 2.5 watts on an indoor dipole! The home station consists of a FT 101, argonaut 305 and triband beam for HF and two portables and two mobiles for VHF. Soon I hope to be on RTTY with a Vic 20. My dream is to own a 20 watt all band all mode rig the size of a cigar box!!

73 Vic

LARC



Bill Unger VE3 EFC  
R.R. #11  
THUNDER BAY, Ontario  
P7B 5E2